



Practitioner's Docket No.: 800_024 DIV

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Michio TAKAHASHI

Ser. No.: 10/037,409

Filed: January 4, 2002

For: LITHIUM SECONDARY BATTERY

Assistant Commissioner for Patents
Washington, DC 20231

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Elizabeth A. VanAntwerp
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SUPPLEMENTAL PRELIMINARY AMENDMENT

Sir:

Further to the Preliminary Amendment filed January 29, 2002, please amend the application as follows:

In the Claims:

Please rewrite claim 12 as follows:

12. (AMENDED) The method according to claim 5, wherein at least one of the crystallite size and lattice distortion of the lithium manganese oxide are controlled by:
- mixing lithium-containing compounds with manganese-containing compounds to form a mixture;
 - firing the mixture in an oxidizing atmosphere at a temperature of 650°C to 1000°C for 5 to 50 hours to form an intermediate material;
 - pulverizing the intermediate material to form a pulverized material; and
 - firing the pulverized mixture in an oxidizing atmosphere at a temperature of 650°C to 1000°C for 5 to 50 hours to form a final material.